



September 13, 2015

(b) (6)
(b) (6), (b) (9)

Durango CO 81301

Re: Groundwater Well Sampling Results

Dear (b) (6),

This letter provides the results for the water sample(s) collected from your groundwater well on 8/19/2015 (Sample ID = GKMTW191_081915). The water was submitted to, and analyzed by a private certified laboratory for total metals. The analysis included metals that could be present in water from the Gold King Mine release.

None of these metals were present in your groundwater above a level of concern. A laboratory results summary table for your water sample is attached to this letter.

The Colorado Department of Public Health and Environment recommends using the Water Quality Interpretation Tool created by Colorado State University in collaboration with the Colorado Water Institute. This tool has more information regarding the metals examined in your well, and can be found at the following website: <https://erams.com/wqtool/>.

We greatly appreciate your cooperation in the collection process, and thank you for your patience while the sample was analyzed. If you have any further questions, please contact Deb McKean at (303) 579-4371.

Sincerely,

US Environmental Protection Agency, Region 8



SAN • JUAN • BASIN
HEALTH
D E P A R T M E N T

Monday, September 21, 2015

(b) (6)

(b) (6), (b) (9)

Durango, CO 81301

Re: Groundwater Well Sampling Results

Dear Resident:

Thank you for participating in the private water well sampling conducted by the U.S. Environmental Protection Agency (EPA) in coordination with the San Juan Basin Health Department (SJBHD).

Enclosed is the corrected map for your property. The results provided previously were for your well; however, the GPS coordinates were not correct.

US Environmental Protection Agency, Region 8



Monday, September 21, 2015

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Durango, CO 81301

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Dear Resident:

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US Environmental Protection Agency, Region 8

(b) (6)

9/19 11:20

CMLED LEFT MESSAGE

191

GKM 191

GKM SE 191

GKM SW 191

9/21/15

978-764-
0556

MAILED CORRECTED
MAP

9/23/2015

ADDED CORRECTED MAP/LINE
SENT TO RESIDENT IN

@ ~~9/24~~ 4:30 PM
9/24 UPDATED TRACKER

W309, Resident non-ex

NO 322

11

11

355

THURSDAY

2/28/2022

OKW 2 mtd

OKW 25 mtd

OKW 1 mtd

1 d

OKW 25 mtd W22796
d/1d 11:50

gap closed



September 13, 2015

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Durango CO 81301

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Analyte	Station ID				GKMTW191
	Sample ID				GKMTW191_081915
	Sample Date				8/19/2015
	Sample Time				14:50
	Latitude				(b) (6), (b) (9)
	Longitude				
	CAS No	Units	Colorado Water Standard	Ground Water MCL	
Metals, Total					
Aluminum	7429-90-5	ug/L	5000		24 U
Antimony	7440-36-0	ug/L	6	6	0.4 U
Arsenic	7440-38-2	ug/L	10	10	0.46 J
Barium	7440-39-3	ug/L	2000	2000	69
Beryllium	7440-41-7	ug/L	4	4	0.15 U ^
Cadmium	7440-43-9	ug/L	5	5	0.043 U
Calcium	7440-70-2	ug/L			130000
Chromium	7440-47-3	ug/L		100	1 U ^
Cobalt	7440-48-4	ug/L	50		0.23 J ^
Copper	7440-50-8	ug/L	200	1300	8.3
Iron	7439-89-6	ug/L	300	300	17 U
Lead	7439-92-1	ug/L	50	15	0.28 J
Magnesium	7439-95-4	ug/L			25000
Manganese	7439-96-5	ug/L	50	50	1.2 U
Mercury	7439-97-6	ug/L		2	0.08 U
Molybdenum	7439-98-7	ug/L			0.83 J
Nickel	7440-02-0	ug/L	100		1.5
Potassium	7440-09-7	ug/L			5000
Selenium	7782-49-2	ug/L	20	50	9.2 B ^
Silver	7440-22-4	ug/L	50	100	0.1 U ^
Sodium	7440-23-5	ug/L			35000
Thallium	7440-28-0	ug/L	2	2	0.1 U
Vanadium	7440-62-2	ug/L	100		0.37 J
Zinc	7440-66-6	ug/L	2000	5000	5 J ^

U = The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.

J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

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HF = Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

* = The result exceeds maximum contaminant level

mg/kg - Parts per million (milligrams per kilogram). Liquids equivalent = mg/l.

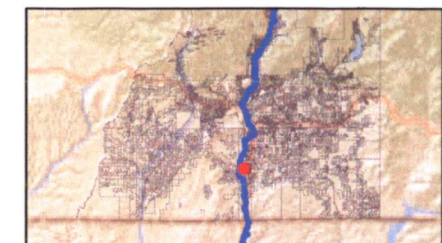
ug/l - Parts per billion (micrograms per liter)

Highlighted Yellow: indicates result exceeded Screening Value

Water Sample ID: GKMTW191



(b) (6), (b) (9)



0 50 100 200 Feet

Well Location
Parcel Boundary



1:1,200

1 inch = 100 feet

Map Created: 8/11/2015

8/19/15 GKM Response

1400 Onsite @

(b) (6), (b) (9)

Sample ID

GKMTW198-081915 @ 1420

Parameters

Temp 12.70 °C
pH 9.419
Cond 0.528 ms/cm
DO 1.23 mg/L
Sal 0.34
ORP 55.9 mV

Spigot ON 1403 @ 10 gpm
off 1420 120 gal TOTAL

- SAYS GROUNDWATER TEMP
IS ABOUT 38-40 °F

Well depth 7000 ft, pressure tank, sediment
filter, no other treatment collected
Sample from spigot, east side of house
Lawrence

191

8/19/15 GKM Response

1430 Onsite @

(b) (6), (b) (9)

Sample ID

GKMTW191-081915 @ 1450

Parameters

Temp 12.95 °C
pH 8.02
Cond 0.708 ms/cm
DO 6.78 mg/L
Sal 0.46
ORP 185.6 mV

Spigot ON 1439 @ 4 gpm
off 1449 40 gal TOTAL

NO TREATMENT SYSTEM, sed
filter, NO well construction
INFO. Sample collected outside
Spigot South side of house

(b) (6)

Lawrence



September 12, 2015

(b) (6)

(b) (6), (b) (9)

Durango, CO 81301

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CC:

Curtis Hartenstine

Southern Ute Indian Tribe

Water Quality Program Manager

970-563-0100 ext. 2217

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